**FOR PATENT** 

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FORM PTO-1449

DEPARTMENT OF COMMERCE

TENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT

SERIAL NO.: 09/775,046

DX01073K APPLICANT:

ATTY. DOCKET NO.:

J.E.M.A. DEBETS, et al.

GROUP: FILING DATE: (Use several sheets if necessary) **February 1, 2001** 

			J.S. PAT	ENT DOCUMENTS	3			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING I APPRO	
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		FO	REIGN F	ATENT DOCUMEN				
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSI YES	NO NO
Ope	AA	WO 96/07739	3/14/02	PCT			X	
	AB	WO 99/35268	7/15/99	PCT			X	
	AC	WO 99/36541	7/22/99	PCT			Х	
	AD	WO 99/37662	7/29/99	PCT			X	
	AE	EP 0 855 404 A1	7/29/98	EPO			Х	
	ОТ	HER DOCUMENTS	(Includin	g Author, Title, Date	e, Pertinent Pa	iges, Et	c.)	
M	AF	Jenny L. Barton, et al., Eur. J. Immunol., 30:3299-3308, 2000.  "A tissue specific IL-1 receptor antagonist homolog from the IL-1 cluster lacks IL-1 cluster lacks IL-1, IL-1ra, IL-18 and IL-18 antagonist activities"						
	AG	J. Fernando Bazan, et al., NATURE, 379:591, February 15, 1996.  "A newly defined interleukin-1?"						
	АН	Teresa L. Born, et al., <u>J. Biological Chemistry</u> , 273(45):29445-29450, November 6, 1998. "Cloning of a Novel Receptor Subunit, AcPL, Required for Interleukin-18 Signaling"						
	Al	Alain Carrie, et al., Nature Genet., 23:25-31, September 1999.  "A new member of the IL-1 receptor family highly expressed in hippocampus and involved in X-linked mental retardation"						
	AJ	M. Dale and MJ Nicklen, <u>Genomics</u> , 57:177-179, 1999.  "Interleukin-1 receptor cluster: gene organization of IL1R2, IL1R1, IL1RL2 (IL-1Rrp2), IL1RL1 (T1/ST2), and IL18R1 (IL-1Rrp) on human chromosome 2q"						
	AK	R. Debets, et al., <u>EMBL Database</u> , Accession No. AF206696, December 1, 2000. "Novel IL-1 family member IL-1e respondes through the orphan IL-1R-related protein 2; response is antagonized by IL-1d"						
	AL	Charles A. Dinarello, <u>Blood</u> , 87(6):2095-2147, March 15, 1996. "Biologic basis for interleukin-1 in disease"						
1	AM	Tariq Ghayur, et al., Nature, 386(6625):619-623, April 10, 1997. "Caspase-1 processes IFN-gamma-inducing factor and regulates LPS-induced IFN-gamma production"						
EXAMINE	R	production"	<del></del>	DATE CONSID	ERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY, DOCKET NO .: DX1073K

SERIAL NO.:

09/775,046

INFORMATION DISCLOSURE STATEMENT **FOR PATENT** 

J.E.M.A. DEBETS, et al.

FILING DATE:

APPLICANT:

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(Use several sheets if necessary) **February 1, 2001** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Yong Gu. et al., Science, 275(5297):206-209, January 10, 1997. ΑN Activation of interferon-gamma inducing factor mediated by interleukin-1beta converting enzyme" Hirotada Kojima, et al., Biochem, Biophys. Res. Commun., 244(1):183-186, March 6, 1998. AO "Interleukin-18 activates the IRAK-TRAF6 pathway in mouse EL-4 cells" Sanjay Kumar, et al., J. Biol. Chem., 275(14):10308-10314, April 7, 2000. AP "Identification and Initial Characterization of Four Novel Members of the Interleukin-1 Family" Timothy W. Lovenberg, et al., J. Neuroimmunol., 70:113-122, 1996. AQ "Cloning of a cDNA encoding a novel interleukin-1 receptor related protein (IL1R-rp2)" M. Marra, et al., GenBank, Accession No.AA030324, August 19, 1996. AR "The WashU-HHMI Mouse EST Project" M. Marra, et al., GenBank, Accession No.WO8205, April 25, 1996. AS "The WashU-HHMI Mouse EST Project" Julio J. Mulero, et al., Biochem, Biophys. Res. Commun., 263(3):702-706, October 1999. AT "IL1HY1: A Novel Interleukin-1 Receptor Antagonist Gene" Luke A.J. O'Neill and Catherine Greene, J. Leukoc. Biol., 63(6):650-657, June 1998. AU "Signal transduction pathways activated by the IL-1 receptor family: ancient signaling machinery in mammals, insects, and plants" Patricia Parnet, et al., J. Biological Chemistry, 271(8):3967-3970, February 23, 1996. ΑV "IL-1Rrp Is a Novel Receptor-like Molecule Similar to the Type I Interleulin-1 Receptor and Its Homologues T1/ST/2 and IL-1R AcP" Douglas Robinson, et al., Immunity, 7:571-581, October 1997. AW "IGIF Does Not Drive Th1 development but Synergizes with IL-12 for Interferon-y Production and Activates IRAK and NFkB" Fernando Rock, et al., P.N.A.S. USA, 95:588-593, January 1998. AX "A family of human receptors structurally related to Drosophilia Toll" Dirk E. Smith, et al., J. Biol. Chem., 275(2):1169-1175, January 14, 2000. AY "Four New Members Expand the Interleukin-1 Superfamily" Elisabeth Thomasson, et al., Cytokine 11(6):389-399, June 1999. ΑZ "IDENTIFICATION AND CHARACTERIZATION OF SIGIRR, A MOLECULE REPRESENTING A NOVEL SUBTYPE OF THE IL-1r SUPERFAMILY" Kakuji Torigoe, et al., J. Biol. Chem., 272(41):25737-25742, October 10, 1997. BA "Purification and Characterization of the Human Interleukin-18 Receptor" Shimpei Ushio, et al. J. Immunol., 156:4274-4279, 1996. BB "Cloning of the cDNA for Human IFN-y-Inducing Factor, Expression in Escherichia coli, and Studies on the Bilogical Activities of the Protein" Lawrence Weissbach, et al., Biochem Biophys Res Commun, 244(1):91-95, March 6, 1998. BC "Detection of an interleukin-1 intracellular receptor antagonist mRNA variant" DATE CONSIDERED EXAMINER

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